

tesa® 51938

EasySplice FilmLine Robotic



Product Information

Integrated flying splice tape

Product Description

tesa® EasySplice 51938 FilmLine Robotic is a double-sided integrated flying splice tape, consisting of a black PET backing and a high tack synthetic rubber adhesive. Its product features are especially designed for the flying splice preparation of filmic materials in automatic preparation units.

Product Features

- Robust polyester backing for secure splicing even at high web tension
- Black backing for optical detection of the splice at the reel stand or in following processes
- High tack properties and good adhesion on unpolar surfaces for excellent contact between expiring web and new reel
- One splitting strip with tailored opening characteristics for a smooth opening of the new reel
- One adhesion strip for the secure fixation of the top layer during automatic application

Application Fields

tesa® EasySplice 51938 FilmLine Robotic is particularly suitable for:

- Flying splices in the film converting industry using automatic splice preparation units

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|-----------------|----------|---------------------|--------|
| • Backing | PET film | • Color | black |
| • Type of liner | paper | • Thickness of tape | 105 µm |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|--------------------------------|---------|
| • Elongation at break | 60 % | • Tensile strength (crosswise) | 70 N/cm |
| • Shelf life time (packed) < 25°C | 18 months | | |

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Additional Information

The tape is particularly suitable for high speed flying splice applications in any kind of film converting like the production process of lithium-ion batteries.

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